## **UTILITY PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: 42P18772 (maximum 12 characters) First Named Inventor: Patrick D. Boyd

Title: SEMICONDUCTOR PACKAGE SECURITY FEATURES USING THERMOCHROMATIC INKS AND THREE-DIMENSIONAL IDENTIFICATION CODING

Express Mail Label No.: EV 409 356 855 US

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**Commissioner for Patents** 

P.O. Box 1450

Alexandria, Virginia 22313-1450

APPLICATION ELEMENTS			
See MPEP chapter 600 concerning utility patent application contents.			
1. <u>X</u>	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)		
2	Applicant Claims Small Entity Status. (37 CFR 1.27)		
3. <u>X</u>	Specification (Total Pages		
4. <u>X</u>	Drawings(s) (35 USC 113) (Total Sheets <u>9</u> )		
5. <u>X</u>	Oath or Declaration (Total Pages <u>4</u> )		
	a. X Newly Executed (Original or Copy)		
	b Copy from a Prior Application (37 CFR 1.63(d))  (for Continuation/Divisional with Box 18 completed)		
	i <u>DELETIONS OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		
	c Unsigned.		
6	Application Data Sheet. (37 CFR 1.76)		
7	CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)		
8 a	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) Computer Readable Form (CRF)		
b	Specification Sequence Listing on: iCD-ROM or CD-R (2 copies); or ii paper		
c	Statements verifying identity of above copies		

ACCOMPANYING APPLICATION PARTS		
<b>9.</b> X 10.	Assignment Papers (cover sheet & documents(s)) a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)	
	b. Power of Attorney	
11	English Translation Document (if applicable)	
12	a. Information Disclosure Statement (IDS)/PTO-1449 (or PTO/SB/08)	
	b. Copies of IDS Citations	
13.	Preliminary Amendment	
14. <u>X</u>	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
15	Certified Copy of Priority Document(s) (if foreign priority is claimed)	
16	Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
17A	Claim for Foreign Priority	
17B. <u>X</u>	Other: Certificate of Express Mail with copy of itemized postcard.	
17C. <u>X</u>	Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.	
below and in the	TINUING APPLICATION, check appropriate box, and supply the requisite information e first sentence of the specification following the title (e.g., by way of preliminary r in an Application Data Sheet Under 37 C.F.R. 1.76:	
Continuation Of Prior Application No.:  (which is a continuation/ divisional/ CIP of prior application no.  which is a continuation/ divisional/ CIP of prior application no.  CIP of prior application no (List entire chain of priority)		
For CONTINUAT an oath or decla continuation or	Iso include a Preliminary Amendment to amend the specification to claim priority. FION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which aration is supplied under Box 5b, is considered a part of the disclosure of the accompanying divisional application and is hereby incorporated by reference. The incorporation can only when a portion has been inadvertently omitted from the submitted application parts.	
	pondence Address ner Number or Bar Code Label 08791	
	or (Insert Customer No. or Attach Bar Code Label	
NAME N	oondence Address Below Michael A. Bernadicou	
ADDRESS _	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  12400 Wilshire Boulevard  Seventh Floor	
CITY Los Ange		
Name (PRINT/TYPE): Suk 3. Lee Registration No.: 47,745		
Signature:	Date: March 31, 2004	
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## FEE TRANSMITTAL FOR FY 2004 (FY 2004 Begins 10/01/2003) TOTAL AMOUNT OF PAYMENT (\$) 1162.00 Complete if Known: Not yet assigned Application No. Filing Date Herewith (3/31/2004) First Named Inventor Patrick D. Boyd Examiner Name Not yet assigned Art Unit Not yet assigned Attorney Docket No. 42P18772 Applicant claims small entity status. See 37 CFR 1.27. **METHOD OF PAYMENT** (check all that apply) Money Order X Check \_\_\_\_ Credit Card Other X Deposit Account Deposit Account Number: 02-2666 **Deposit Account Name:** The Director is Authorized to do the following with respect to the above-identified Deposit Account: Charge fee(s) indicated below. Credit any overpayments. Charge any additional fees during the pendency of this application. Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged. Charge fee(s) indicated below except for the filing fee. **FEE CALCULATION** 1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) **Fee Description** Fee Paid 1001 770 2001 385 Utility application filing fee 770.00 1002 340 2002 Design application filing fee 170 1003 530 2003 Plant filing fee 265 1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional application filing fee SUBTOTAL (1) \$ 770.00 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from **Extra Claims** below Fee Paid Total Claims - 20\*\* = \$18.00 180.00 Independent Claims 5 **X** \$86.00 172.00 Multiple Dependent \*\*Or number previously paid, if greater; For Reissues, see below. Large Entity Small Entity Fee Fee Fee Fee Code Code **Fee Description** (\$) (\$) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 \*\*Reissue independent claims over original patent 1205 18 2205 \*\*Reissue claims in excess of 20 and over original patent SUBTOTAL (2) \$ 352.00

## FEE CALCULATION (continued) 3. ADDITIONAL FEES Large Entity **Small Entity** Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid 1051 130 2051 Surcharge - late filing fee or oath 65 1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet 1053 130 1053 130 Non-English specification 1812 2,520 2.520 For filing a request for ex parte reexamination 1812 1813 8,800 8,800 Request for inter parties reexamination 1813 Requesting publication of SIR prior to Examiner action \_\_\_ 1804 920\* 1804 920\* 1805 1,840\* 1805 1,840\* Requesting publication of SIR after Examiner action 1251 110 2251 55 Extension for reply within first month Extension for reply within second month 1252 420 2252 210 Extension for reply within third month 950 1253 2253 475 1,480 Extension for reply within fourth month 1254 2254 740 1255 2,010 2255 1.005 Extension for reply within fifth month 1401 330 2401 165 Notice of Appeal Filing a brief in support of an appeal 1402 330 2402 165 1403 290 2403 145 Request for oral hearing Petition to institute a public use proceeding 1451 1.510 1451 1.510 1452 55 110 2452 Petition to revive – unavoidable 1453 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1460 130 1460 130 **Petitions to the Commissioner** 1807 50 Processing fee under 37 CFR 1.17(q) 1807 50 1806 180 1806 180 **Submission of Information Disclosure Stmt** Recording each patent assignment per 8021 40 8021 40 property (times number of properties) 40.00 1809 770 385 2809 For filing a submission after final rejection (see 37 CFR 1.129(a)) 1814 110 55 2814 Statutory Disclaimer 1810 770 2810 385 For each additional invention to be examined (see 37 CFR 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 900 1802 Request for expedited examination of a design application 1504 300 1504 300 Publication fee for early, voluntary, or normal pub. 1505 300 1505 300 Publication fee for republication Request for voluntary publication or republication 1803 130 1803 130 Processing fee under 37 CFR 1.17(i) (except provisionals) 1808 130 130 1808 Acceptance of unintentionally delayed claim for priority \_ 1454 1454 1,330 1,330 Other fee (specify) Other fee (specify) \_\_ SUBTOTAL (3) \$ 40.00 \*Reduced by Basic Filing Fee Paid SUBMITTED BY: Typed or Printed Name: Suk S. Lee **Date:** March 31, 2004 Signature: Telephone Number: (408) 720-8300 Reg. Number: 47,745

	/Issue Date: Herewith Docket No.: 042390.P18772
assigned Date Mailed: 03-31-2004	Due Date(s): N/A N/A
Client: Intel Corporation	Due Date(s): N/A N/A Atty/Sec: MAB/SSL/den
Title: SEMICONDUCTOR PACKAGE SE	CURITY FEATURES USING THERMOCHROMATIC INKS AND
THREE-DIMENSIONAL IDENTIFIC	
First Named Inventor: Patrick D. Boyd	
The following has been received in the U.  Express Mail No. EV 409 356 855 US	
☐ Utility Transmittal Letter	Amendment ( pgs.) Application amended to Reflect Claim of Priority
Fee Transmittal (original & copy)	Declaration & POA ( 4 pgs.) Signed
Nonpublication Request	Assignment & Cover Sheet (3 pgs.)
Petition for Extension of Time:	Information Disclosure Statement & PTO/SB/08
Application Type: Utility	pgs.) (previously 1449)
( 26 pages including cover & abstrac	
Transmittal of Formal Drawings	Check No. 63822 Amount \$ 40.00
☑ Drawings: (9) sheets, (20) f	
Other: Express Mail Certificate with cop	y of itemized postcard.
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Date of Deposit: March	
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